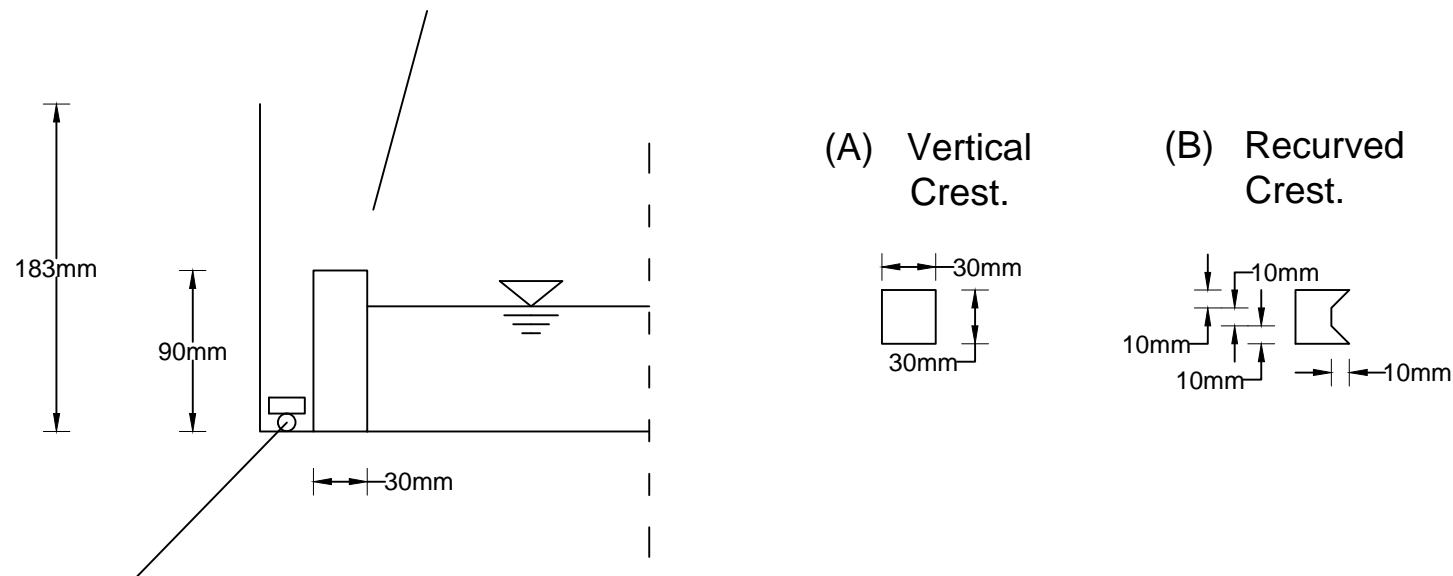


A 90mm vertical wall is to be permanently sealed in front of the of the overtopping collection chamber. Then either a vertical crest (a) or a recurved crest (b) can be inserted on top as required.



Behind the coastal defence is a chamber to collect overtopping. A valve is used to empty the chamber. Can you build the collection chamber so that it is reasonably narrow and has a scale in ml? This way the amount of overtopping can be recorded before the chamber is emptied so the correct volume of water can be added to the tank from the hopper.